

MOM/OSHD/2023-05

26 JUL 2023

To: Owners of Lifting Equipment and Pressure Vessels

Authorised Examiners (Lifting Equipment and Pressure Vessel) **All Interested Parties**

NEW WSH E-SERVICES SYSTEM WITH ENHANCED FEATURES FOR MANAGEMENT OF LIFTING EQUIPMENT AND PRESSURE VESSELS

A new WSH e-Services system with enhanced features for the management of lifting equipment (LEs)¹ and pressure vessels (PVs) (collectively referred to as "statutory equipment") will be launched on Fri, 11 Aug 2023 at 10:00 AM.

REGISTRATION SUMMARY FOR STATUTORY EQUIPMENT

- With the new system, the Ministry of Manpower (MOM) will be introducing a Registration Summary 2 for statutory equipment. The Registration Summary (Annex A) which is unique to each statutory equipment provides identification, current registration status and information on safe operating limits.
- The Registration Summary also includes a quick response (QR) code to MOM's webpage (Annex B) that provides the current registration status of the statutory equipment and more information. The Registration Summary will replace inspection stickers or "silver stickers" (Annex C) that are currently being used to identify statutory equipment.
- The Registration Summary will remain unchanged so long as there is no change in ownership of the statutory equipment. If there is a change in the ownership, the Registration Summary must be replaced after the statutory equipment has been re-registered to the new owner by an Authorised Examiner (AE).

DIGITAL SIGNATURES AND ENCRYPTED CERTIFICATES AND REPORTS

- The certificate of test and examination for LEs (Annex D) and report of examination for PVs (Annex E) will be enhanced.
 - (a) Certificates and reports will be digitally signed off by AEs without the need for wet-ink signatures or company/personal stamps.
 - (b) Hardcopy documents will be replaced with electronic version of original certificates and reports that are encrypted to prevent unauthorised amendments.
- For transition purposes, certificates and reports that were issued before 11 Aug 2023 will remain valid until its expiration dates.

¹ Lifting equipment herein this circular refers to any lift, lifting appliance and lifting machine as defined in the Workplace Safety and Health Act. There will be no change to the manner for identification and certification of lifting gears i.e. appropriate tagging for effective identification by owner and issuance of wet-ink signed certificate of test and examination by AE.

SINGLE LOGIN FOR WSH E-SERVICES LIFTING EQUIPMENT AND PRESSURE VESSEL PORTALS

As part of the system enhancement, owners and AEs do not have to access different LE and PV portals to manage statutory equipment. They are now able to easily switch between the LE and PV tabs in the single system. The new system can be accessed from either MOM's "Register and manage Lifting Equipment" or "Register and manage Pressure Vessels" webpages.

ONLINE SUBMISSION OF APPLICATIONS AND REQUESTS

- 8 The following applications and requests, previously submitted to MOM through manual processes, can now be submitted electronically through the new system.
 - (a) Requests for PV repairs Owners intending to carry out repair works on their PVs can do so by performing a search for the PV and trigger the repair request. Owners will also be able to receive updates on the outcome of their requests through the system.
 - (b) Notification for use of tower cranes at workplaces MOM will no longer require the Notification Form for Use of Tower Crane in Workplace to be submitted in hardcopies. Instead, it will be electronically uploaded by AEs when a registration or examination record for use of a tower crane at the workplace is submitted through the new system.

ACTIONS REQUIRED BY OWNERS

- 9 Owners are required to download a copy of the Registration Summary for each of their statutory equipment from the new system and affix the Registration Summary at a visible location on their statutory equipment. Whilst the Registration Summary could be printed in any suitable size, owners shall ensure that:
 - (a) Registration Summary or QR code is affixed as a whole;
 - (b) Content is legible; and
 - (c) QR code could be effectively scanned for information.
- 10 With the push towards electronic transactions, all system-generated letters in relation to statutory equipment will be sent to owners' e-mail addresses. Owners are required to update their e-mail address by using the Update Communication Preference feature in MOM's WSH e-Services system by 31 Mar 2026. A guide for owners to update communication preferences and e-mail addresses can be found in **Annex F**. Each owner entity will minimally need to have a primary e-mail address. Moving transactions online, from 1 Apr 2026, AEs will not be able to generate certificates or reports for LEs and PVs owned by entities who do not have an e-mail address in MOM's WSH e-Services system.

FURTHER INFORMATION

- Owners, AEs and relevant interested parties are required to exercise all due diligence in performing any transaction through the WSH e-Services system and managing the use of statutory equipment as stipulated in the Workplace Safety and Health Act and its subsidiary legislation.
- For queries and clarifications, please contact the MOM Contact Centre at 6438 5122 or 12 mom oshd@mom.gov.sg.

BERNARD KWOK

for COMMISSIONER FOR WORKPLACE SAFETY AND HEALTH OCCUPATIONAL SAFETY AND HEALTH DIVISION

Date of Issue:	Classification:	Circular No.:
26 Jul 2023	Lifting Equipment	MOM/OSHD/2023-05 (Revised)
(Revised on 16 Apr 2025)	Pressure Vessel	MOM/OSHD/2023-03 (Revised)

ANNEX A: REGISTRATION SUMMARY

• Lifting Equipment



Occupational Safety and Health Division

Registration of Statutory Equipment

Web www.mom.gov.sg



This is a computer-generated document that requires no signature.

Contact MOM at 6438 5122 or mom_oshd@mom.gov.sg for any clarification or feedback.

Pressure Vessel



Occupational Safety and Health Division

Registration of Statutory Equipment

REGIST	RATION SUMMARY
Registration No. :	BR000000Z
Statutory Equipment Type :	Pressure Vessel
Owner Name :	Pressure Guru Pte. Ltd.
Brand and Model :	Steam Creator 1000
Distinctive No. :	SC1000-1
Scan for Details :	Ministry of Manpower BR000000Z

This is a computer-generated document that requires no signature.

Contact MOM at 6438 5122 or mom_oshd@mom.gov.sg for any clarification or feedback.

ANNEX B: REGISTRATION STATUS OF STATUTORY EQUIPMENT

• Lifting Equipment



Pressure Vessel

▶ A Singapore Government Agency Website How to identify ∨
Ministry of Manpower

Registration Status of Statutory Equipment

Status correct as at 16 Apr 2025 12:00 AM SGT

Status

Registration No. :	BR00000Z
Statutory Equipment Classification:	Steam Boiler
Brand and Model:	Steam Creator 1000
Distinctive No. :	SC1000-1
Owner Name:	PRESSURE GURU PTE. LTD.
Equipment Location:	MX88-8888X AT TRIPARTITE WAY
Statutory Examination Details	
Last Examination Date (DD/MM/YYYY) :	16/04/2025
Authorised Examiner Name:	JOSEPHINE TAN
Next Examination Due Date (DD/MM/YYYY):	15/04/2026
Next Pressure Test Due Date (DD/MM/YYYY):	15/04/2035
Next Thickness Test Due Date (DD/MM/YYYY):	15/04/2035
Safe Working Pressure (kN/m²):	1000.0
Status:	Working
Extension Scheme Details	
Extension Scheme :	Not on any extension scheme

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ANNEX C: INSPECTION STICKER REPLACED BY REGISTRATION SUMMARY

RI	MINISTRY OF MANPOWER DOC PATIONAL SAFETY & HEALTH DIVISION
RI	
	EGISTRATION NO:
SF	ERIAL NO:
TI	EST PRESSURE/LOAD:
TI	EST DATE:
SV	WP/SWL:
Al	PPROVAL DATE:
CI	ERT. EXPIRY DATE:
IN	NSPECTOR NO:

ANNEX D: ENHANCED FORMAT OF LIFTING EQUIPMENT CERTIFICATE OF TEST AND EXAMINATION

Ministry of

COUNTRY/REGION OF MFG: Singapore

Manpower

BRAND AND MODEL

DISTINCTIVE NO.2

YEAR OF MFG

WORKPLACE SAFETY AND HEALTH ACT

CERTIFICATE OF TEST AND EXAMINATION OF LIFTING EQUIPMENT¹

LE Registration No.

LM0000000Z

Max. Safe Working Load

10000 kg

Certificate Expiry Date

15/04/2026



OWNER AND WORKPLACE DETAILS

: 202399999Z OWNER NAME : Crane Experts Pte. Ltd. OWNER UEN

WORKPLACE ADDRESS: MK00-00000X at Tripartite Way WORKPLACE NO. : 202399999Z0001

PARTICULARS OF LIFTING EQUIPMENT

EQUIPMENT CLASS 551 Fixed Crane - Tower Crane OWNER'S REFERENCE / TC1

(Horizontal Boom) VEHICLE REG. NO.

MAX. BOOM LENGTH / SPAN : 20.0 m FLY JIB / EXTENSION LENGTH: 5.0 m Electricity **ENERGY SOURCE**

REGISTRATION DATE 26/07/2023 TYPE APPROVAL NO. TCA23999

LAST LOAD TEST DETAILS

Load Test Date : 16/04/20:	25		Maximum 7	Test Load (kg) :	12500	7
	(1)	(2)	(3)	(4)	(5)	(6)
Radius (m) :	5.0	20.0				
Test Load (kg) :	12500	1250				
Safe Working Load (kg):	10000	1000			V /	

COMMENTS / OBSERVATIONS

Safety devices tested and found to be in good working condition.

I certify that on 16/04/2025 the lifting equipment described in this certificate was examined thoroughly by me, as far as its construction permits, and that the above is a true report of my examination.

Tower Lifter A10T

TLFTR1234

2023

I further certify that the lifting equipment is found to be in compliance with the requirements stipulated in the Workplace Safety and Health Act and its subsidiary legislation, and is safe for use.

- Explanatory Notes

 1 Lifting Equipment refers to lifting gear, lifting appliance, lifting machine, lift and hoist as defined under the Workplace Safety and Health (General Provisions) Regulations.

 2 Distinctive No. refers to the identification or serial number assigned to the equipment by the manufacturer.

 3 This certificate is digitally signed and current status of the lifting equipment is verifiable through the QR code

AUTHORISED EXAMINER'S SIGNATURE3

Digitally signed by

JOSEPHINE TAN 16 Apr 2025, 12:00:00 AM SGT

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ANNEX E: ENHANCED FORMAT OF PRESSURE VESSEL REPORT OF EXAMINATION



WORKPLACE SAFETY AND HEALTH ACT

REPORT OF EXAMINATION OF STATUTORY PRESSURE VESSEL

PV Registration No. BR000000Z

Safe Working Pressure

1000.0 kN/m²

Report Expiry Date 15/04/2026



OWNER AND WORKPLACE DETAILS

: 202388888Z OWNER NAME OWNER UEN : Pressure Guru Pte. Ltd.

WORKPLACE ADDRESS: MK88-8888X at Tripartite Way WORKPLACE NO. : 202388888Z0001

PRESSURE VESSEL PARTICULARS

VESSEL CLASS Steam Boiler DESIGN TEMP (°C) 150.0 VESSEL TYPE Water Tube TEST PRESSURE (kN/m2): 1300.0 BRAND AND MODEL Steam Creator 1000 VOLUME (m²) 1000.00 HEATING SURFACE (m2) : DISTINCTIVE NO. SC1000-1 1200.0 Waste Heat YEAR OF MFG 2023 HEATING SOURCE COUNTRY/REGION OF MFG: Singapore REGISTRATION DATE 26/07/2023

INSTALLATION TYPE APPROVAL NO. : Permanent MOBILITY : Stationary PARENT PV REG. NO.

DESIGN CODE : ASME BPVC Sec. VIII Div. 1 **GROUP PLANT ID** 202388888Z0008888

PRESSURE VESSEL DESCRIPTION

TANK			
SHAPE	SIDE PRESSURE ACTS ON	THICKNESS (mm)	MATERIAL
HEAD 1 : Hemispherical	Concave	50.00	SA516 GR.70N
HEAD 2: Torispherical	Convex	50.00	SA516 GR.70N
SHELL :		15.00	SA516 GR.70N
DIAMETER/WIDTH 1 (mm):	1500.00	DIAMETER/WIDTH 2 (mm):	1500.00
HEIGHT/LENGTH (mm) :	2000.00		

JACKET				
S	HAPE	SIDE PRESSURE ACTS ON	THICKNESS (mm)	MATERIAL
HEAD1: H	lemispherical	Concave	10.50	SA516 GR.70N
HEAD 2 : FI	lat	Others	15.00	SA516 GR.70N
SHELL :			8.30	SA516 GR.70N
DIAMETER/W	/IDTH 1 (mm):	1100.00	DIAMETER/WIDTH 2 (mm) :	
HEIGHT/LENG	GTH (mm)	850.00		

TUBE				
	DIAMETER (mm)	THICKNESS (mm)	MATERIAL	REMARKS
TUBE 1 :	20.00	3.20	SS316L	
TUBE 2 :	15.50	3.20	SS316L	
TUBE 3 :				
TUBE 4:				
TUBE 5 :				

I certify that on 16/04/2025 the pressure vessel described in this report, including its fittings, attachments and appliances, was thoroughly examined by me, as far as its construction permits, and that the above is a true report of my examination.

I further certify that the pressure vessel is found to be in compliance with the requirements stipulated in the Workplace Safety and Health Act and its subsidiary legislation, and is safe for use.

Explanatory Note

This report is digitally signed and current status of the pressure vessel is verifiable through the QR code.

AUTHORISED EXAMINER'S SIGNATURE1

Digitally signed by

JOSEPHINE TAN 16 Apr 2025, 12:00:00 AM SGT

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ANNEX E: ENHANCED FORMAT OF PRESSURE VESSEL REPORT OF EXAMINATION (CONTINUED)



WORKPLACE SAFETY AND HEALTH ACT

REPORT OF EXAMINATION OF STATUTORY PRESSURE VESSEL

PV Registration No.

BR000000Z

Safe Working Pressure

1000.0 kN/m²

Report Expiry Date

15/04/2026



TESTS PERFORMED IN THIS EXAMINATION

TESTS FERFORMED IN THIS EX	AWINATION
DESCRIPTION	TEST DATE
Approve Procedure for Repair	16/04/2025
Assisted Lifting Test of Safety Valves	16/04/2025
Basic Visit	16/04/2025
Bench Test of Safety Valves	16/04/2025
Design Check	16/04/2025
Determine Nature of Repair	16/04/2025
Dye Penetrant Test	16/04/2025
Extra Visit	16/04/2025
Fabrication Survey	16/04/2025
Hydropneumatic Test	16/04/2025
Hydrostatic Test	16/04/2025
Inspection during Repair	16/04/2025
Inspection prior to Registration	16/04/2025
Installation Inspection	16/04/2025
Investigation prior to Boiler Approval	16/04/2025
Magnetic Particle Test	16/04/2025
Piping Survey	16/04/2025
Pneumatic Test	16/04/2025
Positive Material Identification Test	16/04/2025
Radiography Test	16/04/2025
Running Test	16/04/2025
Steam Piping Inspection (>5m Length, > 150mm Diameter)	16/04/2025
Short Term Extension	16/04/2025
Strain Gauging Test	16/04/2025
Ultrasonic Thickness Test	16/04/2025
Verification and Testing of Gas Train	16/04/2025
Verification of Material	16/04/2025
Visual Examination	16/04/2025

PRESSURE AND THICKNESS TEST DETAILS

DESCRIPTION	LAST TEST DATE	DUE DATE
Pressure Test	16/04/2025	15/04/2035
Thickness Test	16/04/2025	15/04/2035



Safety valve tested ok.

CONDITIONS

To be operated in a safe and sound manner.

I certify that on 16/04/2025 the pressure vessel described in this report, including its fittings, attachments and appliances, was thoroughly examined by me, as far as its construction permits, and that the above is a true report of my examination.

I further certify that the pressure vessel is found to be in compliance with the requirements stipulated in the Workplace Safety and Health Act and its subsidiary legislation, and is safe for use.

 $\frac{\text{Explanatory Note}}{^{1}\text{This report is digitally signed and current status of the pressure vessel is verifiable through the QR code.}$

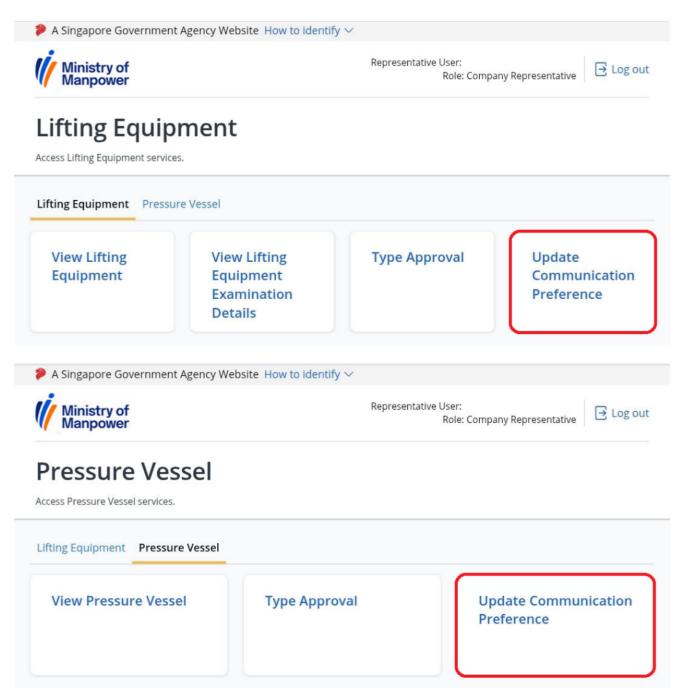
AUTHORISED EXAMINER'S SIGNATURE1

Digitally signed by JOSEPHINE TAN 16 Apr 2025, 12:00:00 AM SGT

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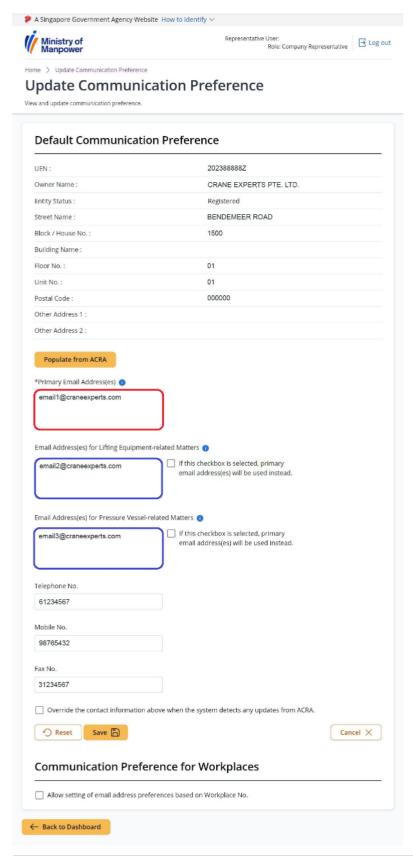
ANNEX F : GUIDE TO UPDATE COMMUNICATION PREFERENCES AND E-MAIL ADDRESSES IN MOM'S WSH E-SERVICES SYSTEM

Step 1 : On the dashboard after logging in to MOM's WSH e-Services system, click on **Update Communication Preference**.



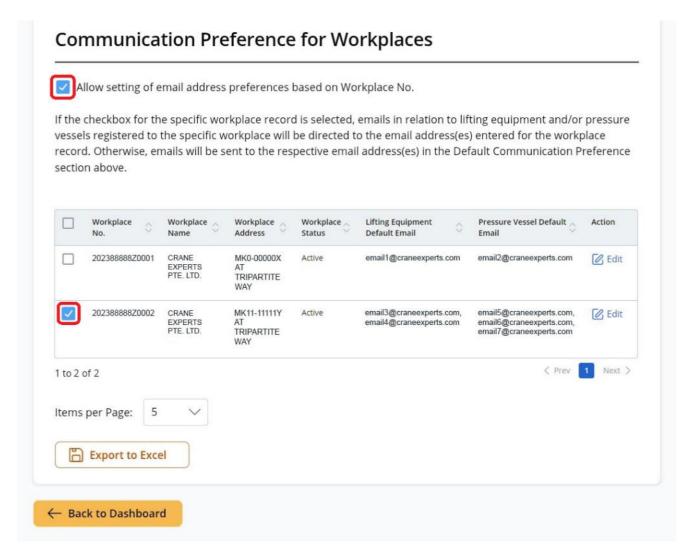
ANNEX F: GUIDE TO UPDATE COMMUNICATION PREFERENCES AND E-MAIL ADDRESSES IN MOM'S WSH E-SERVICES SYSTEM (CONTINUED)

Step 2: Ensure that minimally, one primary e-mail address is entered. Owners may enter different e-mail addresses in the respective fields if preference is for system-generated notifications and letters in relation to LEs and PVs to be sent to different e-mail addresses. Up to 10 e-mail addresses may be entered in each field, with the inclusion of a comma (,) between e-mail addresses. Please click **Save** to save the changes.



ANNEX F: GUIDE TO UPDATE COMMUNICATION PREFERENCES AND E-MAIL ADDRESSES IN MOM'S WSH E-SERVICES SYSTEM (CONTINUED)

Step 3: Owners who prefer to have system-generated notifications and letters in relation to LEs and PVs that are registered to their various workplaces sent to e-mail addresses for the respective workplaces may select the checkbox to allow setting of e-mail address preferences based on Workplace No. A list of workplace records will be displayed. Owners will need to check the checkbox(es) for the respective workplace record(s) for this preference to be applied. Click on Edit to update the e-mail addresses for the respective workplace records.



ANNEX F: GUIDE TO UPDATE COMMUNICATION PREFERENCES AND E-MAIL ADDRESSES IN MOM'S WSH E-**SERVICES SYSTEM (CONTINUED)**

Step 4: Likewise, owners may enter different e-mail addresses in the respective fields if preference is for system-generated notifications and letters in relation to LEs and PVs to be sent to different e-mail addresses. Up to 10 e-mail addresses may be entered in each field, with the inclusion of a comma (,) between e-mail addresses. Please click **Save** to save the changes.

Workplace Name: Workplace Status: Active Workplace Address: MK11-11111Y AT TRIPARTITE WAY Nature of Work: Populate from Workplace Record Email Address(es) for Lifting Equipment-related Matters email3@craneexperts.com, email4@craneexperts.com If this checkbox is selected, primary email address(es) will be used instead. Email Address(es) for Pressure Vessel-related Matters email5@craneexperts.com, If this checkbox is selected, primary	
Workplace Address: MK11-11111Y AT TRIPARTITE WAY Nature of Work: Populate from Workplace Record Email Address(es) for Lifting Equipment-related Matters email3@craneexperts.com, email4@craneexperts.com If this checkbox is selected, primary email address(es) will be used instead. Email Address(es) for Pressure Vessel-related Matters email5@craneexperts.com, If this checkbox is selected, primary	V-00-22
Populate from Workplace Record Email Address(es) for Lifting Equipment-related Matters email3@craneexperts.com, email4@craneexperts.com If this checkbox is selected, primary email address(es) will be used instead. Email Address(es) for Pressure Vessel-related Matters email5@craneexperts.com, If this checkbox is selected, primary	atus : Active
Populate from Workplace Record Email Address(es) for Lifting Equipment-related Matters email3@craneexperts.com, email4@craneexperts.com If this checkbox is selected, primary email address(es) will be used instead. Email Address(es) for Pressure Vessel-related Matters email5@craneexperts.com, If this checkbox is selected, primary	idress : MK11-11111Y AT TRIPARTITE WAY
Email Address(es) for Lifting Equipment-related Matters email3@craneexperts.com, email4@craneexperts.com If this checkbox is selected, primary email address(es) will be used instead. Email Address(es) for Pressure Vessel-related Matters email5@craneexperts.com, If this checkbox is selected, primary	rk:
email4@craneexperts.com email address(es) will be used instead. Email Address(es) for Pressure Vessel-related Matters email5@craneexperts.com, If this checkbox is selected, primary	
email5@craneexperts.com,	an compension,
email6@craneexperts.com, email address(es) will be used instead.	aneexperts.com,
Workplace Telephone No. : 61234560	lephone No. :
Workplace Mobile No. :	obile No. :
98765430	
Workplace Fax No. :	x No.: